



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln No.:

09/784,158

Confirmation No. 1544

Filed:

February 16, 2001

**CERTIFICATE OF MAILING**

Applicant(s): Stephan W. WEGERICHS et al.

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Title: SYSTEM FOR EXTRACTION OF  
REPRESENTATIVE DATA FOR  
TRAINING OF ADAPTIVE PROCESS  
MONITORING EQUIPMENT

1/31/05

*Mark W. Hetzler*  
Mark W. Hetzler  
Registration No. 38,183  
Attorney for Applicant(s)

Art Unit: 2123

Examiner: Mary C. Hogan

Attorney Docket: 70479 (086470-9013)

Customer No.: 22242

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment/reply in the above-identified application.

- An Appendix including amended drawing figures labeled as "Replacement Sheets" is enclosed.
- A Petition for Extension of Time for reply within the third month is attached.
- No additional fee is required.

**Fee Calculation For Claims As Amended**

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Independent Claims	<u>5</u>	- <u>6</u>	**= <u>0</u>	x \$ 200.00 =	\$ 0.00
Total Claims	<u>34</u>	- <u>49</u>	* = <u>0</u>	x \$ 50.00 =	\$ 0.00
Fee for Multiple Dependent Claims				\$ 360.00	\$ 0.00
	** At least 3		Total Additional Fee		\$ 0.00
	* At least 20				

Application No. 09/784,158  
Amendment dated January 31, 2005  
Reply to Office Action of July 30, 2004

- Applicant(s) assert entitlement to Small Entity Status (37 C.F.R. § 1.27), thus reducing the fee by half to: \$ 0.00
- A check in the amount of \$\_\_\_\_ is enclosed.
- Charge \$\_\_\_\_ to Deposit Account No. 06-1135.
- The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1135. A duplicate copy of this sheet is enclosed.

January 31, 2005  
Date

*Mark W. Hetzler*  
Mark W. Hetzler  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln No.: 09/784,138

) Confirmation No. 1544

Filed: February 16, 2001

Applicant: Stephan W. WEGERICH et al.

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1/31/05  
Date

*Mark W. Hetzler*  
Mark W. Hetzler  
Registration No. 38,183  
Attorney for Applicant(s)

LETTER TO THE OFFICIAL DRAFTSPERSON

Dear Sir:

Applicants respectfully request approval of the following changes to the drawings. Figures 2 and 4 have been corrected to include a legend with the term "Prior Art." Figures 4, 6A and 6B have been amended to clarify the labels of the elements in the figures. Three "replacement sheets" are attached hereto along with the originals for reference. These amendments were made in accordance with the Examiner's requirements in the Office Action mailed July 30, 2004.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By

*Mark W. Hetzler*  
Mark W. Hetzler  
Reg. No. 38,183  
Telephone: 312.577.7000

Date: January 18, 2005

120 South LaSalle Street  
Suite 1600  
Chicago, Illinois 60603-3406